



PRODUCT BULLETIN

New Valvetrain Coverage for John Deere® 4045H & 6068H PowerTech® Engines

January 2020

FP Diesel® is pleased to announce the availability of new valvetrain coverage for select John Deere 4045H and 6068H PowerTech Tier 2 & 3 engines.

These popular 4- and 6-cylinder engines are used in a wide range of John Deere agricultural and construction equipment with four valves per cylinder.

Our range includes intake and exhaust valves, valve springs, stem seals, valve caps, valve lock/retainers and valve seat inserts.

We bundle the standard-sized valves, valve seals, valve caps, and valve lock/retainers into intake and exhaust valve kits to service a single cylinder.



PowerTech 4045H, 6068H Tier 2 & 3 (4-Valves / Cylinder)

Part Number	Description	OE Part Number
FP-R536135	Intake Valve (STD) Single	R536135; R502369 or R518806 - Use Kit FP-RE557890
FP-R536136	Exhaust Valve (STD) Single	R536136; R502370 or R524875 - Use Kit FP-RE557891
FP-RE516486	Valve Spring Pair	RE516486, R503906 (OE Green Stripe)
FP-RE531223	Valve Spring Pair	RE531223, R518872 (OE White Stripe)
FP-R502367	Valve Spring Cap	R502367
FP-RE526519	Option A Valve Stem Seal	RE526519 (Full Metal Jacket)
FP-RE519115	Option B Valve Stem Seal	RE519115 (OE Color Green)
FP-R534978	Valve Spring Lock/Retainer	R534978
FP-RE518082	Intake Seat Insert Pair (STD)	RE518082, R504969, R515034
FP-RE518083	Exhaust Seat Insert Pair (STD)	RE518083, R504968, R515033

Intake Valve Kit FP-RE557890 (OE Kit RE557890)

Part Number	Component Description	Quantity
FP-R536135	Intake Valve (STD)	2
FP-R502367	Valve Spring Cap	2
FP-RE526519	Option A Valve Seal (Full Metal Jacket)	2
FP-RE519115	Option B Valve Seal (OE Color Green)	2
FP-R534978	Valve Spring Lock/Retainer	4

Exhaust Valve Kit FP-RE557891 (OE Kit RE557891)

Part Number	Component Description	Quantity
FP-R536136	Exhaust Valve (STD)	2
FP-R502367	Valve Spring Cap	2
FP-RE526519	Option A Valve Seal (Full Metal Jacket)	2
FP-RE519115	Option B Valve Seal (OE Color Green)	2
FP-R534978	Valve Spring Lock/Retainer	4

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When you're ready, order all the parts you need with just one call.

800.237.7425 8am – 6:30pm EST

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